This limitation is imposed by the
process of sexual
generation under which new
individuals are
created by the combination of two
parents. and.
owing their existence to two parents.
are exact.
copies of neither of them. It is. of
course. quite conceivable that a single individual should
of itself
of itself have the power of producing offspring.
and in the
and in the
and in the lowest classes of the animal and
doms we find that single organisms
produce new
organisms simply by dividing
organisms simply by dividing themselves. or by throwing out buds. Here then, we
throwing out hude Horo than wo
linowing our page. Here, then, we
throwing out buds. Here then, we have reproduction without sex, which may act, moreover, with most extraordinary rapidity, the descendants of a single cell multiplying themselves into
tion without sex. which may act.
moreover with
most extraordinary rapidity the
descendants of a
descendants of a single cell multiplying themselves into
several
millione within a tow notice Bill thie
millions within a few hours. But this
process
process
process will not generally continue indefinitely. After a
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kingdoms. special organs of two kinds are developed for the production of these cells. Both kinds may be borne by the same individual. in which case, of course, no individual distinction of sex arises. Amongst plants, the sperm-cells are produced by the anthers of the stamens: the germ-cells by the ovary. These, again, are sometimes borne by different flowers—sometimes on different plants—but they usually form parts